

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP COMMITTEE  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 12-402

**PROJECT INFORMATION**

**Project Title:** Sonoran Pronghorn Water Development #4

**Region and Game Management Unit:** Region IV / GMU 45

**Local Habitat Partnership Committee (LHPC):**  
• Southwest Arizona

**Was the project presented to the LHPC?**  
YES[X] NO[]

**Has this project been submitted in previous years?** YES[] NO[x]

**If Yes, was it funded?** YES[] NO[] → **Funded HPC Project #(s):**

**Project Type:** Water Development

**Brief Project Summary:**

Build a new water to support the re-introduction of Sonoran pronghorn in King Valley, AZ.

**Big Game Wildlife Species to Benefit:** Sonoran pronghorn, Mule deer.

**Implementation Schedule** (Month/Day/Year):

Project Start Date: April, 2 2013

Project End Date: May, 15, 2013

**Environmental Compliance:**

NEPA Completed: Yes[X] No[] N/A[]

Projected Completion Date: \_\_\_\_\_

State Historic Preservation Office - Archaeological Clearance:

Yes[X] No[] N/A[]

Projected Completion Date: \_\_\_\_\_

Arizona Game and Fish Department EA Checklist: N/A[]

To be Completed by: Jill Bright

Projected Completion Date: \_\_\_\_\_

**PROJECT FUNDING**

**Special Big Game License Tag Funds Requested:** \$ 5,000

**Cost Share or Matching Funds:** \$ 26,077

**Total Project Costs:** \$ 31,077

**PARTICIPANT INFORMATION**

**Applicant** (please print):  
John Hervert

**Address:**  
9140 E. 28<sup>th</sup> Street Yuma Az

**E-mail:**  
jhervert@azgfd.gov

**Telephone:** 928-341-4041

**Date:** 8-31-12

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel):

**Project has been coordinated with:**

**NEED STATEMENT – PROBLEM ANALYSIS:**

King Valley, Arizona is historic habitat of Sonoran pronghorn. Water development is required to support the re-introduction project currently occurring in King Valley. Fragmentation and alteration of habitat over the last hundred years requires intervention to restore the suitability of the habitat for pronghorn. Water development will enhance the habitat for Sonoran pronghorn.

**PROJECT OBJECTIVES:**

Develop a reliable water source for Sonoran pronghorn with enough storage capacity to avoid water hauling.

**PROJECT DESCRIPTION AND STRATEGIES:**

Build a 17,000-gallon water development within historic habitat for Sonoran pronghorn using volunteer labor, and donated equipment.

**PROJECT LOCATION:**

King Valley, Kofa National Wildlife Refuge, Arizona. 33° 11' 23" N 113° 04' 18" W

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

(if the project area is private property, please state specifically and provide the landowner's name)

- US Fish and Wildlife Service

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or  
LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*  
YES[] NO[X] N/A[]

**HABITAT DESCRIPTION:**

Sonoran Desert  
Lower Colorado Subdivision.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

\$5,000 for materials (24 inch PVC pipe, and end caps).

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

\$18,667 for materials from AZGFD and federal funding sources.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Arizona Antelope Foundation, Yuma Valley Rod and Gun Club

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[] NO[X] N/A[]

**PROJECT MONITORING PLAN:**

This water development will be monitored by the district wildlife manager throughout the year. The water is checked at a maximum 30 day interval between May and October and periodically throughout the winter months.

**PROJECT MAINTENANCE:**

Underground PVC water developments have been in use since 1995 in Region IV. Periodic cleaning of the trough and water collection silt traps is expected to occur occasionally. If installed correctly, this project will require a minimum of maintenance. This water development will be maintained by Region IV personnel and USFWS as needed.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

John Hervert, Wildlife Program Manager, Region IV.

**WATER DEVELOPMENT PROJECTS** *(please use the worksheet below):*

**TREE CLEARING/REMOVAL PROJECTS** *(please use the worksheet below):*

N/A

## **ARIZONA GAME AND FISH DEPARTMENT** **WATER DEVELOPMENT WORKSHEET**

**PROJECT TITLE:** Sonoran Pronghorn Water Development #4

- 1) **Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?"**  
YES
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
Ed Jahrke 8-30-11.
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**  
☐2-4 ☒4-6 ☐6-8 ☐8-10 ☐10-12 ☐12-14 ☐14-16 ☐ >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**  
YES☒ (please complete #5 below) NO☐ (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**  
Name of water source: Little White Tank  
Type of water source (catchment, spring, dirt tank): Developed pothole  
Ownership of water source: USFWS  
Distance in miles from project: 4.09 miles
- 6) **Is the target wildlife species a result of transplant efforts?** YES☒ NO☐
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**  
None.
- 8) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): ☒2x4 vehicles ☐4x4 only ☐foot only\*\*  
  
\*\*If foot access only: Distance in miles: \_\_\_\_\_ Approximate hiking time: \_\_\_\_\_  
  
-- Does access to this site require crossing private or tribal lands? YES☐ NO☒  
  
-- Please describe any restrictions to public access:  
  
  
9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**  
24 inch PVC pipe (36 sections, 20 feet long); 36 inch deep drinker.
- 10) **Was a site visit completed?** Yes☒ No☐  
If Yes, please list personnel that attended and date.  
John Hervert, Regional Wildlife Program Manager, Susanna Henry, Refuge Manager, Kofa.  
Jill Bright, Sonoran Pronghorn Project leader. March 5, 2009.

## **ARIZONA GAME AND FISH DEPARTMENT**

# **VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET**

**PROJECT TITLE:** Sonoran Pronghorn Water Development #4

The value of volunteer labor should be calculated at the hourly rate of an employee doing similar work, or using hourly rates from the Arizona Department of Administration's Human Resource web site, plus a standard ERE rate of 35%. [http://www.hr.az.gov/HR\\_Professional/Class\\_Comp/PDF/alphacovered.pdf](http://www.hr.az.gov/HR_Professional/Class_Comp/PDF/alphacovered.pdf)

\$0.445/mile should be the calculation used for mileage.

<b>Water Development</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
	480	1400	\$14.14	\$7,410
<b>Habitat Restoration and Clean Up</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Fisheries</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Nongame Branch Project</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Misc/office work</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			varies	
<b>Community Services</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$7.44	
<b>Events and Other</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Research Branch</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Wildlife Area Hosts</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$17.44	
<b>Education Programs</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$16.07	
<b>Totals</b>				\$7410